

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-14 (canceled)

Claim 15 (new): A telecommunication system comprising:

a first network having a first node with a first TCP/IP port and a second node with a second TCP/IP port, which can communicate with each other, the first TCP/IP port and the second TCP/IP port having been predefined by an administrator, wherein the first TCP/IP port and the second TCP/IP port will remain constant and cannot be changed unless both the client and server are physically changed;

a second network having a third node separate and apart from the first network; and

a communication portion in communication with the first network and the third node and through which the third node is only able to communicate with the first TCP/IP port of the first node via TCP/IP port extension using gateway methodology, such that the second node cannot be accessed by the third node through the first node and the first network is not connected to the second network;

wherein the system is configured such that the third node cannot utilize any port between the first node and the second node except for TCP/IP ports that have been predefined from the first node to the second node and only if the third node is allowed to by the first node which prevents an intruder who compromises the second network from gaining access to the first network except for the first TCP/IP port.

Claim 16 (new): A system as claimed in Claim 15 wherein the communication portion includes the Internet.

Claim 17 (new): A system as claimed in Claim 16 wherein the third node forms a connection with the first node through an Internet of the communication portion.

Claim 18 (new): A system as claimed in Claim 17 wherein the second network has the third node and a fourth node which can communicate with each other but only with the first node or the second node through individual connections through the first port of the first node or the second port of the second node, respectively.

Claim 19 (new): A system 10 as claimed in Claim 18 wherein the first network monitors and manages the second network.

Claim 20 (new): A system as claimed in Claim 15, and configured for using the Internet, comprising:

the first network having a primary server in communication with the first node and the second node; and

the second network having a fourth node and a client server in communication with each other and the third node, the third node having a connection with the port of the first node via the client server and through the Internet and the primary server using gateway methodology so the second node cannot be accessed by the third node through the first node.

Claim 21 (new): A system as claimed in Claim 20 wherein the client server encrypts data from the third node on the connection and the primary server decrypts data for the first node.

Claim 22 (new): A system as claimed in Claim 21 wherein the first network monitors and manages the second network.

Claim 23 (new): A method for telecommunications comprising the steps of:

communicating between a first node of a first network and a second node of the first network, the first node having a first TCP/IP port and the second node having a second TCP/IP port, the first TCP/IP port and the second TCP/IP port having been predefined by an administrator, wherein the first TCP/IP port and the second TCP/IP port will remain constant and cannot be changed unless both the client and server are physically changed; and

communicating between the first network and a third node of a second network, separate and apart from the first network, through a communication portion through which the third node is only able to communicate with the first TCP/IP port of the first node via TCP/IP port extension using gateway methodology, such that the second node cannot be accessed by the third node through the first node and the first network is not connected to the second network;

wherein the third node cannot utilize any port between the first node and the second node except for TCP/IP ports that have been predefined from the first node to the second node and only if the third node is allowed to by the first node which prevents an intruder who compromises the second network from gaining access to the first network except for the first TCP/IP port.

Claim 24 (new): A method as claimed in Claim 23 wherein the third node communicating step includes the step of communicating between the third node and only with a first port of the first node through the communication portion.

Claim 25 (new): A method as claimed in Claim 24 wherein the third node communicating step includes the step of communicating between the third node and the first node through an Internet of the communication portion.

Claim 26 (new): A method as claimed in Claim 25 including the steps of communicating between the third node of the second network and a fourth node of the second network; and communicating between the first network and the third and fourth nodes of the second network only through individual connections through the first port of the first node or the second port of the second node, respectively.

Claim 27 (new): A method as claimed in Claim 26 including the step of monitoring and managing the second network by the first network.